

Missouri Water Utility Partnership - July 8, 2010



O'Fallon, Mo.

Project Totals: \$6,500,000

Automatic Meter Reading System – approx. \$6,000,000

- Sensus iPERL residential water meters
- Calibrate & retrofit commercial water meters
- Install highly secure, fixed base radio antenna stations
- Integrate radio read software with existing billing software
- Commission system
- Staff training

Business Model:	Performance Contracting
Prime Contractor:	Siemens Industry, Inc.
Utility Partners:	None
Funding Source:	Municipal Lease

Annual Project Metrics		
Est. Increase Billed Water	Est. New City Revenue	Est. Ops. Savings
50,667,000	\$140,000	\$250,000



Annual Savings	
kilowatt Hours Electricity	Dollars
1,226,460	\$ 58,870

Wastewater Plant Improvements – approx. \$500,000

- Remove one existing positive displacement blower
- Install new energy efficient Turblex direct drive blower
- Lighting fixture retrofit

Business Model:	Design Build
HDR	HDR, Inc.
Utility Partners:	None
Funding Sources:	(1) Energize MO Communities Grant, (2) MDNR - \$352,843; (2) Municipal Bonds



This will prevent the following greenhouse gases from being released into the atmosphere



2,790,197 lbs
Carbon Dioxide
(CO₂)



4,444 lbs
Nitrogen Oxide
(NO_x)



10,808 lbs
Sulfur Dioxide
(SO₂)

Your greenhouse gas emissions savings are equivalent to:



9

Acres of forest
preserved from
deforestation



7

Railcars of
coal burned



232

Cars removed from
the road for one
year



2,944

Barrels of oil
burned

